

RAW SEQUENCE LISTING

ERROR REPORT

BIOTECHNOLOGY
SYSTEMS
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number: 09/534,825
Art Unit / Team No. : 01PE
Date Processed by STIC: 4/15/2000

THE ATTACHED PRINTOUT EXPLAINS THE ERRORS DETECTED.

PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,**
- 2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY**

THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:

MARK SPENCER 703-308-4212

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RAW SEQUENCE LISTING

PATENT APPLICATION US/09/534,825

 DATE: 04/15/2000
 TIME: 14:02:08

Input Set: I534825.RAW

This Raw Listing contains the General Information Section and those Sequences containing ERRORS.

Does Not Comply
Corrected Diskette Needed

1 <110> Frudakis, Tony N.
 2 Smith, John M.
 3 Reed, Steven G.
 4 Misher, Lynda
 5 Retter, Marc W.
 6 Dillon, Davin C.
 7 <120> COMPOSITIONS AND METHODS FOR THE
 8 TREATMENT AND DIAGNOSIS OF BREAST CANCER
 9 <130> 210121.419C7
 10 <140> US/09/534,825
 11 <141> 2000-03-23
 12 <160> 317
 13 <170> FastSEQ for Windows Version 3.0

ERRORED SEQUENCES FOLLOW

14	<210> 59	
15	<211> 208	
16	<212> DNA	
17	<213> Homo sapien	
18	<400> 59	
E-->	19 gctcctcttg ccttaccaac tttgcaccca tcatcaacca tgtggccagg tttgcagccc	60 ✓
	20 aggctgcaca tcaggggact gcctcgcaat acttcatgct gttgctgctg actgatgggtg	120ctgt
	21 cagtgatcat tatgggtggt aaatggct	208
<hr/>		
22	<210> 151	
E-->	23 <211> 323	
	24 <212> DNA	
	25 <213> Homo sapien	
	26 <220>	
	27 <221> misc_feature	
	28 <222> (1)...(323)	
	29 <223> n = A,T,C or G insert a hard return	
E-->	30 <400> 151tnacgcngcn acnntgtaga ganggnaagg cnttccccac attnccccctt catnanagaa	60
E-->	31 ttattcnacc aagnntgacc natgcnttt atgacttaca tgcnnactnc ntaatctgtn	120
W-->	32 tcnnccctta aaagcnnntc cactacatgc ntcancactg tntgtgtnac ntcatnaact	180
W-->	33 gtcngnaata ggggcncata actacagaaa tgcanttcact actgcttcca ntgccatcng	240
W-->	34 cgtgtggcct tncctactct tcttntattc caagtagcat ctctggantg cttccccact	300
W-->	35 ctccacattg ttgcagcnat aat	323
<hr/>		
36	<210> 295	
37	<211> 1853	

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RAW SEQUENCE LISTING
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38 <212> DNA
39 <213> Homo sapien
40 <400> 295

41	gggtcgccca	ggggsgcgt	gggctttcct	cgggtgggtg	tgggttttcc	ctgggtgggg	60
42	tgggctgggc	trgaatcccc	tgctgggggt	ggcagggtttt	ggctgggatt	gacttttytc	120
43	ttcaaacaga	ttggaaaccc	ggagttacct	gctagttggt	gaaactgggt	ggtagacgcg	180
44	atctgttggc	tactactggc	ttctcctggc	tgttaaaagc	agatgggtgg	tgaggttgat	240
45	tccatgccgg	ctgcttcttc	tgtgaagaag	ccatttggtc	tcaggagcaa	gatgggcaag	300
46	tgggtgctgc	gttgcttccc	ctgctgcagg	gagagcggca	agagcaacgt	gggcacttct	360
47	ggagaccacg	acgactctgc	tatgaagaca	ctcaggagca	agatgggcaa	gtgggtgccgc	420
48	cactgcttcc	cctgctgcag	ggggagtggc	aagagcaacg	tgggcgcttc	tgagaccac	480
E--> 49	gacgaytctg	ctatgaagac	actcaggaac	aagatgggca	agtgggtgctg	ccactgcttc	540
50	gccttcatgg	akcccaggta	ccacgtccrt	ggagaagatc	tggacaagct	ccacagagct	600
51	gcctgggtggg	gtaaaagtc	cagaaaggat	ctcatcgta	tgctcaggga	cackgaygtg	720
52	aacaagargg	acaagcaaaa	gaggactgct	ctacatctgg	cctctgccaa	tgggaattca	780
53	gaagtagtaa	aactcstgct	ggacagacga	tgtcaactta	atgtccttga	caacaaaaag	840
54	aggacagctc	tgayaaagc	cgtacaatgc	caggaagatg	aatgtgcgtt	aatgttgctg	900
55	gaacatggca	ctgatccaaa	tattccagat	gagtatggaa	ataccactct	rcactaygct	960
56	rtctayaatg	aagataaatt	aatggccaaa	gcactgctct	tataygggtc	tgatatcgaa	1020
57	tcaaaaaaca	agcatggcct	cacaccactg	ytacttggtr	tacatgagca	aaaacagcaa	1080
58	gtsgtgaaat	ttttaatyaa	gaaaaaagcg	aattttaa	gcrctggata	gatatggaag	1140
59	ractgctctc	atacttgctg	tatgttggtg	atcagcaagt	atagtcagcc	ytctacttga	1200
60	gcaaaatrtt	gatgtatctt	ctcaagatct	ggaaagacgg	ccagagagta	tgctgtttct	1260
61	agtcacatc	atgtaatttg	ccagttactt	tctgactaca	aagaaaaaca	gatgttaaaa	1320
62	atctcttctg	aaaacagcaa	tccagaacaa	gacttaaagc	tgacatcaga	ggaagagtca	1380
63	caaaggctta	aaggaaagtga	aaacagccag	ccagaggcat	ggaaactttt	aaattttaa	1440
64	ttttggttta	atgttttttt	tttttgctt	aataatatta	gatagtccca	aatgaaatwa	1500
65	cctatgagac	taggctttga	gaatcaatag	attctttttt	taagaatctt	ttggctagga	1560
66	gcggtgtctc	acgcctgtaa	ttccagcacc	ttgagaggct	gaggtgggca	gatcacgaga	1620
67	tcaggagatc	gagaccatcc	tggctaacac	ggtgaaaccc	catctctact	aaaaatacaa	1680
68	aaacttagct	gggtgtgggtg	gcgggtgcct	gtagtcccag	ctactcagga	rgctgaggca	1740
69	ggagaatggc	atgaaccggg	gaggtggagg	ttgcagttag	ccgagatccg	ccactacact	1800
70	ccagcctggg	tgacagagca	agactctgtc	tcaaaaaaaa	aaaaaaaaaa	aaa	1853

71 <210> 315
72 <211> 293
73 <212> PRT
74 <213> Homo sapiens
75 <400> 315

76	Met	His	Leu	Ser	Phe	Pro	Ala	Phe	Leu	Pro	Pro	Trp	Met	Asp	Arg	Gly
77					5					10					15	
78	Ser	Gly	Lys	Ser	Asn	Val	Gly	Thr	Ser	Gly	Asp	His	Asn	Asp	Ser	Ser
79					20					25					30	
80	Val	Lys	Thr	Leu	Gly	Ser	Lys	Arg	Cys	Lys	Trp	Cys	Cys	His	Cys	Phe
81					35					40					45	
82	Pro	Cys	Cys	Arg	Gly	Ser	Gly	Lys	Ser	Asn	Val	Val	Ala	Trp	Gly	Asp
83					50					55					60	
84	Tyr	Asp	Asp	Ser	Ala	Phe	Met	Asp	Pro	Arg	Tyr	His	Val	His	Gly	Glu
85					65					70					75	
86	Asp	Leu	Asp	Lys	Leu	His	Arg	Ala	Ala	Trp	Trp	Gly	Lys	Val	Pro	Arg

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RAW SEQUENCE LISTING PATENT APPLICATION US/09/534,825

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Input Set: I534825.RAW

87		85		90		95
88	Lys	Asp	Leu	Ile	Val	Met
89				Leu	Arg	Asp
90				Thr	Asp	Val
91						Asn
92						Lys
93						Arg
94						Asp
95						Val
96						Asn
97						Lys
98						Arg
99						Asp
100						Val
101						Asn
102						Lys
103						Arg
104						Thr
105						Ala
106						Leu
107						His
108						Leu
109						Ala
110						Ser
111						Ala
112						Asn
113						Gly

↓ FYI

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY
PATENT APPLICATION US/09/534,825

DATE: 04/15/2000
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Input Set: I534825.RAW

Line	? Error/Warning	Original Text
20	E Number of Bases conflict w/ Running Total	aggctgcaca tcaggggact gcctcgcaat acttcatg
20	E Wrong Nucleic Acid Designator	aggctgcaca tcaggggact gcctcgcaat acttcatg
20	E Wrong Nucleic Acid Designator	aggctgcaca tcaggggact gcctcgcaat acttcatg
20	E Wrong Nucleic Acid Designator	aggctgcaca tcaggggact gcctcgcaat acttcatg
23	E Input 323, Calc# Bases 263 differ	<211> 323
30	E Sequence IDs 15160 and 151 differ	<400> 151tnacgcngcn acnntgtaga ga
31	E Number of Bases conflict w/ Running Total	ttattcnacc aagnttgacc natgccnttt atgactta
31	W "N" or "Xaa" used: Feature required	ttattcnacc aagnttgacc natgccnttt atgactta
32	W "N" or "Xaa" used: Feature required	tcnngcctta aaagcnntc cactacatgc ntcancac
33	W "N" or "Xaa" used: Feature required	gtcngnaata ggggcncata actacagaaa tgcanttc
34	W "N" or "Xaa" used: Feature required	cgtgtggcct tncctactct tcttntattc caagtagc
35	W "N" or "Xaa" used: Feature required	ctccacattg ttgcagcnat aat
49	E Number of Bases conflict w/ Running Total	gacgaytctg ctatgaagac actcaggaac aagatggg
49	E Wrong Nucleic Acid Designator	gacgaytctg ctatgaagac actcaggaac aagatggg
49	E Wrong Nucleic Acid Designator	gacgaytctg ctatgaagac actcaggaac aagatggg
49	E Wrong Nucleic Acid Designator	gacgaytctg ctatgaagac actcaggaac aagatggg
72	E Input 293, Calc Seq.Length 292 differ	<211> 293